Application No.: 10/807,635 Docket No.: 511582001111

## **CLAIM AMENDMENTS**

## 1-41. (canceled)

42. (currently amended): An isolated nucleic acid molecule which comprises a nucleotide sequence that

- (a) encodes a protein comprising the amino acid sequence of SEQ ID NO: 2 or a variant thereof at least 90% identical thereto, which variant is immunoreactive with at least one antibody that specifically binds the amino acid sequence of SEQ ID NO: 2; or
- (b) encodes a protein encoded by a cDNA contained in the plasmid designated p24P4C12-GTE5 deposited with American Type Culture Collection as Designation No. 207129;
- (c) encodes a protein encoded by a cDNA contained in the plasmid designated p24P4C12-GTE9 deposited with American Type Culture Collection as Designation No. 207084;
- (d) comprises the nucleotide sequence of SEQ ID NO: 1 from nucleotide residue number 6 through nucleotide residue number 2138 or a full-length variant of said nucleotide sequence from positions 6-2138 that hybridizes to the complement of said nucleotide sequence under stringent conditions correcting to wash at 0.1 x SSC containing EDTA at 55°C; or

comprises a nucleotide sequence complementary to the entire length of the nucleotide sequences designated in paragraphs (a)-(d).

- 43. (currently amended): The nucleic acid molecule of claim 42 which comprises a nucleotide sequence that encodes a protein comprising the amino acid sequence of SEQ ID NO: 2 or a variant thereof at least 90% identical thereto, which variant is immunoreactive with at least one antibody that specifically binds the amino acid sequence of SEQ ID NO: 2, or a complement of said nucleotide sequence over its entire length.
- 44. (currently amended): The nucleic acid molecule of claim 43 wherein said nucleotide sequence encodes the amino acid sequence of SEQ ID NO: 2 or a complement of said nucleotide sequence over its entire length.

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45. (currently amended): The nucleic acid of claim 42 which comprises a nucleotide sequence that encodes a protein encoded by a cDNA contained in the plasmid designated p24P4C12-GTE5 deposited with American Type Culture Collection as Designation No. 207129 or a complement of said nucleotide sequence over its entire length.

- 46. (currently amended): The nucleic acid molecule of claim 42 which comprises a nucleotide sequence that encodes a protein encoded by a cDNA contained in the plasmid designated p24P4C12-GTE9 deposited with American Type Culture Collection as Designation No. 207084 or a complement of said nucleotide sequence over its entire length.
- 47. (currently amended): The nucleic acid molecule of claim 42 which comprises a nucleotide sequence that comprises SEQ ID NO: 1 from nucleotide residue number 6 through nucleotide residue number 2138 or a full-length variant of said nucleotide sequence from positions 6-2138 that hybridizes to said nucleotide sequence under stringent conditions or a complement of said nucleotide sequence over its entire length.
- 48. (currently amended): The nucleic acid molecule of <u>claim 48</u> <u>claim 47</u> which comprises SEQ ID NO: 1 from nucleotide residue number 6 through nucleotide residue number 2138 or a complement of said nucleotide sequence <u>over its entire length</u>.
- 49. (previously presented): A recombinant expression system which comprises the nucleotide sequence contained in the nucleic acid molecule of claim 42 operably linked to control sequences for expression.
- 50. (previously presented): Recombinant host cells comprising the expression system of claim 49.
- 51. (previously presented): A method to produce a protein having the characteristics of 24P4C12 which method comprises culturing the cells of claim 50 under conditions for expression, and optionally recovering said protein.